

Title (en)  
SYSTEM AND METHODS FOR DEVICE TRACKING

Title (de)  
SYSTEM UND VERFAHREN ZUR VORRICHTUNGSVERFOLGUNG

Title (fr)  
SYSTÈME ET PROCÉDÉS DE SUIVI DE DISPOSITIF

Publication  
**EP 3635685 B1 20221207 (EN)**

Application  
**EP 18827748 A 20180706**

Priority  
• US 201762529833 P 20170707  
• US 201715854620 A 20171226  
• KR 2018007719 W 20180706

Abstract (en)  
[origin: US2019012803A1] A method, electronic device, and non-transitory computer readable medium for optical tracking are provided. The method includes identifying at least one object within an environment, from received image data. The method also includes assigning a volatility rating to the identified object. Additionally, the method includes determining one or more tracking points associated with the identified object. The method also includes determining a priority rating for the each of the one or more tracking points associated with the identified object based on the assigned volatility rating of the identified object. The method also includes selecting the one or more tracking points for optical tracking based on the priority rating.

IPC 8 full level  
**G06F 3/01** (2006.01); **G06F 3/03** (2006.01); **G06F 3/0346** (2013.01); **G06F 3/038** (2013.01); **G06T 7/246** (2017.01); **G06T 7/579** (2017.01); **G06V 20/00** (2022.01)

CPC (source: EP US)  
**G01P 15/18** (2013.01 - US); **G06F 3/011** (2013.01 - EP US); **G06F 3/0304** (2013.01 - EP US); **G06F 3/0346** (2013.01 - EP); **G06F 3/038** (2013.01 - EP); **G06T 7/11** (2017.01 - US); **G06T 7/20** (2013.01 - US); **G06T 7/246** (2017.01 - EP US); **G06T 7/579** (2017.01 - EP US); **G06T 7/70** (2017.01 - US); **G06T 7/73** (2017.01 - US); **G06V 20/00** (2022.01 - EP US); **G06T 2207/30244** (2013.01 - EP US)

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**US 10304207 B2 20190528**; **US 2019012803 A1 20190110**; CN 110785775 A 20200211; CN 110785775 B 20231201; CN 110832546 A 20200221; CN 110832546 B 20240308; EP 3635627 A1 20200415; EP 3635627 A4 20200603; EP 3635627 B1 20230419; EP 3635685 A1 20200415; EP 3635685 A4 20200603; EP 3635685 B1 20221207; US 10565724 B2 20200218; US 11062474 B2 20210713; US 2019012792 A1 20190110; US 2019251704 A1 20190815; WO 2019009486 A1 20190110; WO 2019009676 A1 20190110

DOCDB simple family (application)  
**US 201715805750 A 20171107**; CN 201880042318 A 20180119; CN 201880044568 A 20180706; EP 18827734 A 20180119; EP 18827748 A 20180706; KR 2018000892 W 20180119; KR 2018007719 W 20180706; US 201715854620 A 20171226; US 201916392563 A 20190423